

LANL Vision and Mission Statement

"We serve the nation by developing and applying the best science and technology to make the world a better and safer place."

- Ensure the safety and reliability of the U.S. Nuclear deterrent.
- Reduce the global threat of weapons of mass destruction.
- Solve national problems in energy, environment, infrastructure and health security.

Los Alamos National Laboratory is located at the base of the Jemez Mountains in northern New Mexico. In this beautiful natural environment awaits an opportunity for you to work in a world-class research facility. At LANL, you can immerse yourself in 21st century science where people who find intrigue and fulfillment in science make contributions to research and development. Established in 1943 and managed by the University of California for the Department of Energy, the Laboratory's mission is to provide scientific leadership for the nation and the world.

Postdoc opportunities are available in a wide variety of scientific fields that include, but are not limited to:

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|--------------|--------------------------|
| •Biosciences | •Chemistry |
| •Computing | •Earth and Space Science |
| •Engineering | •Materials Science |
| •Mathematics | •Physics |

Synthetic Chemistry in the Bioscience Division

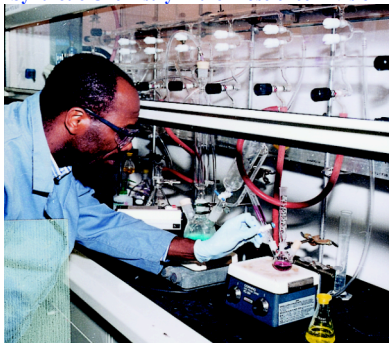


Photo courtesy of John Flower, IM-4

Sponsorship and Eligibility

In order to be considered for a LANL Postdoc appointment, candidates must be nominated and sponsored by a member of the Laboratory's technical staff. To identify a potential sponsor, you can review the technical divisions and the science subject areas of the Laboratory. In addition, you can meet potential sponsors at national and international conferences and workshops, by networking with colleagues, or by reading journal publications. Hiring officials look over postdoctoral resumes and contact the postdoctoral candidate (you) directly if the candidate is a good match for their needs. For all postdoctoral appointments the candidate must be within 5 years of completion of PhD at time of being proposed for review by the committee, or will have completed all PhD requirements by commencement of appointment.

Selection is based on Laboratory wide competition and is determined by the candidate's academic qualifications and research excellence.

For more information, please check out the LANL web pages at www.lanl.gov, or the Postdoctoral Program web pages at <http://www.lanl.gov/science/postdocs/> or write to us at postdoc-info@lanl.gov. Access <http://www.hr.lanl.gov/FindJob/PostdocAppProcedures.shtml> to apply to the Postdoctoral Program.

Brochure prepared by the Postdoc Program Office located in the Science and Technology Base Programs (STB) directorate.

The University of California operates Los Alamos National Laboratory for the National Nuclear Security Administration of the US Department of Energy. Los Alamos National Laboratory is an Affirmative Action/Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.



The Postdoctoral Program

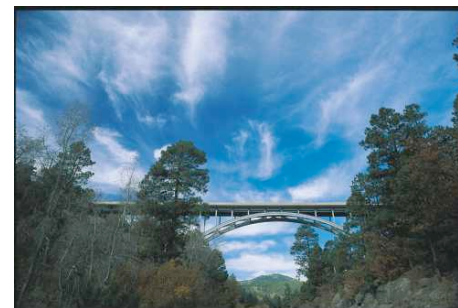


Photo courtesy of the Los Alamos Chamber of Commerce

"The preeminent scientific stature of the Laboratory and its future leadership is dependent upon the pivotal contributions of our postdoctoral researchers."

**—Tom Bowles
Chief Science Officer**

The Postdoctoral Program

The Postdoctoral (Postdoc) Program provides the opportunity for appointees to

- Perform research in a scientifically rich research and development environment
- Present and publish work
- Contribute to the
 - overall research efforts at the Laboratory
 - advancement of knowledge in the areas of basic and applied research
 - strengthening of our national scientific and technical capabilities.

Postdoc appointees enhance the Laboratory's scientific and technical vitality by

- Sharing new ideas and approaches
- Challenging colleagues to work at the cutting edge
- Making available the most current university research endeavors
- Broadening contacts with the external scientific community
- Forming communication links between the Laboratory, universities, and industry

Awards and Events

- Postdoctoral Publication Prize
- Distinguished Performance Awards
- Postdoc Seminar Series
- Career Development Workshops
- Focus Groups
- Postdoc Socials
- Annual Meeting with the Laboratory Director

Postdocs in the Physical Chemistry and Applied Spectroscopy Group

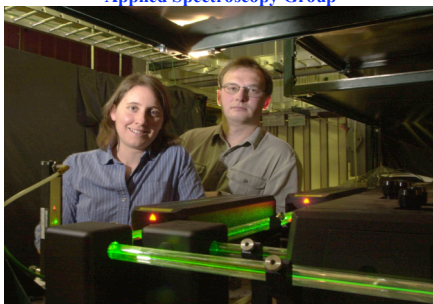


Photo courtesy of LeRoy N Sanchez, CER-20

Regular Postdoc Appointments

Most postdocs will be offered a Postdoc Research Associate appointment. In addition to these appointments, each year approximately 30 Postdoc Fellow appointments, including the distinguished fellows, are awarded. Initial appointments are for two years, renewable for a third. Current start salary guidelines are \$63,200 to 70,400 and a generous, comprehensive benefits package.

- **Postdoctoral Research Associates** pursue research as part of ongoing LANL science and engineering programs. Candidates are reviewed and selected by the Postdoctoral Committee throughout the year.
- **Director's Postdoctoral Fellows** collaborate with LANL scientists and engineers on staff initiated research. Postdoctoral Fellow candidates are reviewed by the Postdoctoral Committee and selected four times annually. Candidates are selected by the strengths of their academic and research excellence, and proposed research.
- **Agnew National Security Postdoctoral Fellows**, named after the Laboratory's third director, pursue research aligned with programs in the Threat Reduction (TR), Weapons Engineering and Manufacturing (WEM), and Weapons Physics (WP) Directorates. Sponsorship or co-sponsorship is open to all divisions. Restricted to US Citizens.

Postdoc Partnership Appointments

- **DCI Postdoctoral Fellows**, in coordination with the Director of Central Intelligence (DCI) and the Department of Energy, collaborate with LANL scientists and engineers regarding staff initiated research in areas that have the basis for future technological developments important to the Intelligence Community.

Distinguished Postdoc Appointments

At the December quarterly meeting, up to six Distinguished Postdoc appointments are awarded. Candidates must display extraordinary ability in scientific research and show clear and definite promise of becoming outstanding leaders in the research they pursue. Sponsored candidates competing for these fellowships are reviewed by the Laboratory's Postdoc Committee at the November quarterly meeting only. Appointments are for three years. Starting salary is \$95,200 including a generous, comprehensive benefits package.

J Robert Oppenheimer (JRO) Postdoc Fellowship

Named after the Laboratory's first Director, this fellowship provides the opportunity for recipients to collaborate with LANL scientists and engineers on staff initiated research. Open to all nationalities.

Richard P Feynman (RPF) Postdoc Fellowship in Theory and Computing

Named after the famed theoretical physicist and winner of the 1965 Nobel Prize in Physics, this fellowship provides the opportunity for recipients to collaborate with LANL scientists and engineers on staff initiated research in the areas of theory and computing. Restricted to US citizens.

Frederick Reines (FR) Postdoc Fellowship in Experimental Sciences

Named after the former LANL researcher who won the 1995 Nobel Prize in Physics, this fellowship provides the opportunity for recipients to collaborate with LANL scientists and engineers on staff initiated research in experimental sciences. This fellowship will be awarded to outstanding experimentalists, regardless of their field of study. Restricted to US citizens.

Postdoc working in the Superconductivity Technology Center



Photo courtesy of John Flower, IM-4